CONTENTS

Contents	3
The Fifth Heymans Memorial Lecture: Preface	5
The Fifth Heymans Memorial Lecture: Co-Transmission. G. Burnstock	7
Effects of a Perfluorochemical Emulsion on L-Tryptophan Binding by Human Albumin. R. S. Sathe and D. L. Parsons	34
Hypoglycemic Action and Disposition of Gliclazide in Normal and Analbuminemic Rats. Y. Imamura, K. Kimachi, S. Nagase and M. Otagiri	44
Calciumionophore A23187 Induces Dual Changes in the Release of 5-Lipoxygenase and Cyclooxygenase Products by Macrophages. J. A. van Hilten, S. Ben Efraim and I. L. Bonta	55
The Effects of a New Cholinolytic—8018—and Its Optical Isomers on the Central Muscarinic and Nicotinic Receptors. W. Z. Niu, D. L. Zhao and C. G. Liu.	64
Autoradiographic Localization of Peripheral [3H]-Hydergine Binding Sites. A. Ricci, D. Amenta, C. Cavallotti, I. Rossodivita and F. Amenta.	75
Effect of ATP on Smooth Muscle of Toad Urinary Bladder. J. K. Saha, J. N. Sengupta, B. N. Koley and J. Koley	93
Effects of Clonidine, Yohimbine and Eserine on the Quantified EEG of Rats.	105
Ribavirin-Induced Behavioral, Body Temperature and Electrocortical Spectra Effects in the Rat. A. De Sarro, F. Naccari, G. B. De Sarro, D. Ammendola, D. Rotiroti and G. R. Trimarchi	125
GABAmimetics Diminish Antinociception of Meperidine under Conditions which Enhance Other Opioid μ-Agonists. R. L. Wynn, S. A. Bergman, F. G. Rudo and M. Leventer.	136
Cross-Dependence on Ethanol and Pentobarbital in Rats Reinforced on Diazepam. T. Naruse and T. Asami.	147
In Vitro Cardiac Electrophysiological Effects of Prenylamine. P. de Bonfioli Cavalcabò, S. Amerini, F. Porciatti, I. Masini, M. Luccarelli and A. Mugelli	163
Comparison of the Cardiac Electrophysiologic Effects of Amitriptyline and Clomi- pramine in the Dog after Myocardial Infarction. H. Hashimoto, M. Nishimoto, T. Ozaki, K. Ohara and M. Nakashima	181
Effects of Magnesium Sulfate and Nifedipine on Regional Cerebral Blood Flow during Middle Cerebral Artery Ligation in the Rat. O. Z. Chi, P. Pollak and H. R. Weiss	196
Protective Effect of KB-2796, a New Calcium Antagonist, in Cerebral Hypoxia and Ischemia. H. Hara, A. Ozaki, M. Yoshidomi and T. Sukamoto	206
Effects of Calcium Entry Blockers on KCl- and 5-Hydroxytryptamine-Induced Contractions of Human Umbilical Arteries. J. B. Salom, V. Campos, A. Perales, G. Torregrosa, F. J. Miranda, J. A. Alabadi and E. Alborch	219
Action of Stobadine on Respiratory and Vascular Smooth Muscle In Vivo: Evidence for Histamine Receptor Antagonist Activity. V. Bauer, L. Buran and A. Babul'ová	232

Antihypertensive and Diuretic Effects of NZ-105, a Novel Dihydropyridine Derivative. Y. Masuda, M. Takeguchi, C. Arakawa, T. Sakai, M. Hibi, S. Tanaka, K. Shigenobu and Y. Kasuya.	247
Desensitization of Guinea-Pig Parenchymal Lung Strips after Prolonged Histamine	
H ₁ -Receptor Stimulation. R. Leurs, J. N. L. Go, A. Bast and H. Timmerman Effect of N-Acetylneuraminic Acid on Respiratory Tract Secretion and Inflammation in the Bronchitic Rabbit. T. Miyata, T. Ishii, N. Sugiyama, Y. Okano, N. Nishi,	265
K. Takahama, S. Ogasawara, Y. Oda, K. Yokoyama, Y. Murata and H. Kai	277
Effect of Saline Cathartics on the Adsorption of Sulphamethoxazole to Activated Charcoal. A. Akintonwa and O. E. Orisakwe	290
Belgian Society for Fundamental and Clinical Physiology and Pharmacology	296

